



## **THE ECO ROOF**

### **SPECIFICATION**

A device that can be connected to solar panels / panelling that can be fixed or fully adjustable and is magnified and made of glass or other material. The reason for the glass to be magnified is to enhance the effects of the sun and so power the solar device quicker and more efficiently. (see two drawings attached)

The device can be mobile or connected to the mains. It can be built into the solar panelling or set above the panels. The device can be adjusted manually or automatically on a timer set for time of day etc. It can be set from inside a building for example in order to follow the movements of the sun for maximum effect. The device can be made up of many materials and can be made up of tinted or coloured glass depending on the environment or setting for the device.

The glass magnification can be also made of various shape and size depending on its

Where it is positioned and need. The device can also be attached to existing solar

panelling or other type of solar device for efficiency. It can be used on a domestic or industrial scale and can cover everything from caravan, house, or other property even an office block.

The magnified glass can also be made of various materials including self-cleaning glass that is a recent development. In fact it may be best in certain circumstances for the device to be self cleaning if it is glass or other materials such as perspex or other materials / plastics etc. The device could also use a similar technology like bluetooth and mobile phone technology such as a 3G phone so it can be set from a distance and other remote locations.

The device could also have a small camera connected to it say for example a roof or office block it could then be inspected periodically and close up for damage cracked or broken glass etc. This too can be connected to blue tooth technology and 3G mobile phones with a video link. It can then be inspected and finely adjusted even from a distant or remote location. The solar panels themselves can even have the magnified glass built on them or the magnification process can be seporate or just above the solar device.